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DESIGN OF STEAM SILENCERS FOR GEOTHERMAL APPLICATIONS

Transmitted by the Government of Mexico 1/

ABSTRACT

Steam silencers are a means of reducing the very intense noise generated when venting steam into the atmosphere as a consequence of load reductions in a geothermal power plant. For new plants, or for those in which noise measurements cannot be made, an analytical method is given to determine the unsilenced noise levels. The design methods for two types of steam silencers based on experimental work and theoretical considerations are presented.

1/ Prepared by Mr. Hugo LAZALDE-CRABTREE, Research Engineer, Instituto de Investigaciones Electricas, Mexico.